ANNUAL INDEX TO THE ENGINEERING ECONOMIST—VOLUME 29 FALL 1983–SUMMER 1984

ACCOUNTING

A New Approach to Depreciation Measurement for Public Utilities by Allen J. Crowley and J. C. Sprague..... 29: 4,239

Cumulative Deflation in Productivity Measurement by David M. Miller..... 29: 3,181

BENEFIT COST ANALYSIS

Probabilistic Benefit-Cost Analysis by Chan S. Park..... 29: 2,83

BREAK-EVEN ANALYSIS

Analysis of Revenue Requirements During Extreme Price Escalation by William G. Sullivan, Thomas L. Ward and Kyung S. Lee..... 29: 3,161

On the Economic Loading of Parallel Processors by James R. Buck and Ronald G. Askin..... 29: 1,13

CAPITAL BUDGETING

A Simplified Approach to Risk Analysis in Capital Budgeting with Serially Correlated Cash Flows by Carmelo Giaccotto..... 29: 4,273

Discount Rates in Linear Programming Formulations of the Capital Budgeting Problem by James W. Hayes..... 29: 2,113

Discounted Cash Flow Reinvestment Rate Assumptions by Carl R. Beidleman.... 29: 2,127

Foreign Capital Budgeting Practices Used by the U.S. and Non-U.S. Multinational Companies by Trevor Crick, Suk H. Kim and Edward J. Farragher..... 29: 3,207

Project Valuation with Imperfect Information by Giora Harpaz and Stavros B. Thomadakis..... 29: 2,101

The Decision to Lease or Purchase Under Uncertainty: A Bayesian Approach by William T. Moore and Son-Nan Chen..... 29: 3,195

The Value of Perfect Information in Capital Budgeting Decisions with Unknown Cash Flow Parameters by William T. Moore and Son-Nan Chen..... 29: 1,41

Valuation, Gains from Leverage, and the Weighted Average Cost of Capital as a Cutoff Rate by Howard P. Lanser..... 29: 1,1

CAPITAL INVESTMENT ANALYSIS

A Simplified Approach to Risk Analysis in Capital Budgeting with Serially Correlated Cash Flows by Carmelo Giaccotto..... 29: 4,273

Analysis of Revenue Requirements During Extreme Price Escalation by William G. Sullivan, Thomas L. Ward and Kyung S. Lee..... 29: 3,161

Capacity Expansion Planning to Maximize the Value of the Regulated Firm by S. K. Saraf and A. L. Soyster..... 29: 4,251

Discounted Cash Flow Reinvestment Rate Assumptions by Carl R. Beidleman.... 29: 2,127

Foreign Capital Budgeting Practices Used by the U.S. and Non-U.S. Multinational Companies by Trevor Crick, Suk H. Kim and Edward J. Farragher..... 29: 3,207

Project Valuation with Imperfect Information by Giora Harpaz and Stavros B. Thomadakis..... 29: 2,101

Valuation, Gains from Leverage, and the Weighted Average Cost of Capital as a Cutoff Rate by Howard P. Lanser..... 29: 1,1

CASH FLOW FORECASTING

A Simplified Approach to Risk Analysis in Capital Budgeting with Serially Correlated Cash Flows by Carmelo Giaccotto..... 29: 4,273

Foreign Capital Budgeting Practices Used by the U.S. and Non-U.S. Multinational Comapnies by Trevor Crick, Suk H. Kim and Edward J. Farragher..... 29: 3,207

The Value of Perfect Information in Capital Budgeting Decisions with Unknown Cash Flow Parameters by William T. Moore and Son-Nan Chen..... 29: 1,41

DECISION ANALYSIS

Investment Analysis Under Uncertainty by Umesh Saxena..... 29: 1,33

Probabilistic Benefit-Cost Analysis by Chan S. Park..... 29: 2,83

Project Valuation with Imperfect Information by Giora Harpaz and Stavros B. Thomadakis..... 29: 2,101

DECISION MAKING

A Simplified Approach to Risk Analysis in Capital Budgeting with Serially Correlated Cash Flows by Carmelo Giaccotto..... 29: 4,273

Investment Analysis Under Uncertainty by Umesh Saxena..... 29: 1,33

The Decision to Lease or Purchase Under Uncertainty: A Bayesian Approach by William T. Moore and Son-Nan Chen..... 29: 3,195

Valuation, Gains from Leverage, and the Weighted Average Cost of Capital as a Cutoff Rate by Howard P. Lanser..... 29: 1,1

DEPRECIATION AND OBSOLESCENCE

A New Approach to Depreciation Measurement for Public Utilities by Allen J. Crowley and J. C. Sprague..... 29: 4,239

Timely Capital Recovery Through the Regulatory Process by Dean A. Schiffman..... 29: 4,287

ECONOMIC ANALYSIS - PUBLIC SECTOR

Capacity Expansion Planning to Maximize the Value of the Regulated Firm by S. K. Saraf and A. L. Soyster..... 29: 4,251

Probabilistic Benefit-Cost Analysis by Chan S. Park..... 29: 2,83

ECONOMIC COMPARISONS

Analysis of Revenue Requirements During Extreme Price Escalation by William G. Sullivan, Thomas L. Ward and Kyung S. Lee..... 29: 3,161

Investment Analysis Under Uncertainty by Umesh Saxena..... 29: 1,33

ECONOMICS OF DESIGN

On the Economic Loading of Parallel Processors by James R. Buck and Ronald G. Askin..... 29: 1,13

FINANCE

Discounted Cash Flow Reinvestment Rate Assumptions by Carl R. Beidleman.... 29: 2,127

Project Valuation with Imperfect Information by Giora Harpaz and Stavros B. Thomadakis..... 29: 2,101

INFLATION EFFECTS

A New Approach to Depreciation Measurement for Public Utilities by Allen J. Crowley and J. C. Sprague..... 29: 4,239

Analysis of Revenue Requirements During Extreme Price Escalation by William G. Sullivan, Thomas L. Ward and Kyung S. Lee..... 29: 3,161

Cumulative Deflation in Productivity Measurement by David M. Miller..... 29: 3,181

INDUSTRIAL PROPERTY MORTALITY

Timely Capital Recovery Through the Regulatory Process by Dean A. Schiffman..... 29: 4,287

MATHEMATICAL MODELS

Capacity Expansion Planning to Maximize the Value of the Regulated Firm by S. K. Saraf and A. L. Soyster..... 29: 4,251

Discount Rates in Linear Programming Formulations of the Capital Budgeting Problem by James W. Hayes..... 29: 2,113

PRODUCTION ECONOMICS

Cumulative Deflation in Productivity Measurement by David M. Miller..... 29: 3,181

On the Economic Loading of Parallel Processors by James R. Buck and Ronald G. Askin..... 29: 1,13

PROJECT JUSTIFICATION

Discount Rates in Linear Programming Formulations of the Capital Budgeting Problem by James W. Hayes..... 29: 2,113

Discounted Cash Flow Reinvestment Rate Assumptions by Carl R. Beidleman.... 29: 2,127

PUBLIC UTILITIES

A New Approach to Depreciation Measurement for Public Utilities by Allen J. Crowley and J. C. Sprague..... 29: 4,239

Timely Capital Recovery Through the Regulatory Process by Dean A. Schiffman..... 29: 4,287

RATE OF RETURN AND COST OF CAPITAL

Discount Rates in Linear Programming Formulations of the Capital Budgeting Problem by James W. Hayes..... 29: 2,113

Foreign Capital Budgeting Practices Used by the U.S. and Non-U.S. Multinational Companies by Trevor Crick, Suk H. Kim and Edward J. Farragher..... 29: 3,207

Valuation, Gains from Leverage, and the Weighted Average Cost of Capital as a Cutoff Rate by Howard P. Lanser..... 29: 1,1

RESOURCE ALLOCATION

On the Economic Loading of Parallel Processors by James R. Buck and Ronald G. Askin..... 29: 1,13

RISK AND UNCERTAINTY

Investment Analysis Under Uncertainty by Umesh Saxena..... 29: 1,33

Probabilistic Benefit-Cost Analysis by Chan S. Park..... 29: 2,83

The Decision to Lease or Purchase Under Uncertainty: A Bayesian Approach by William T. Moore and Son-Nan Chen..... 29: 3,195

The Value of Perfect Information in Capital Budgeting Decisions with Unknown Cash Flow Parameters by William T. Moore and Son-Nan Chen..... 29: 1,41

Timely Capital Recovery Through the Regulatory Process by Dean A. Schiffman..... 29: 4,287

INDEX OF ARTICLE AUTHORS

ASKIN, RONALD G. (with James R. Buck), On the Economic Loading of Parallel Processors..... 29: 1,13

BEIDLEMAN, CARL R., Discounted Cash Flow Reinvestment Rate Assumptions..... 29: 2,127

BUCK, JAMES R. (with Ronald G. Askin), On the Economic Loading of Parallel Processors..... 29: 1,13

CHEN, SON-NAN (with William T. Moore), The Decision to Lease or Purchase Under Uncertainty: A Bayesian Approach..... 29: 3,195

CHEN, SON-NAN (with William T. Moore), The Value of Perfect Information in Capital Budgeting Decisions with Unknown Cash Flow Parameters..... 29: 1,41

CRICK, TREVOR (with Suk H. Kim and Edward J. Farragher), Foreign Capital Budgeting Practices Used by the U.S. and Non-U.S. Multinational Companies..... 29: 3,207

CROWLEY, ALLEN J. (with J. C. Sprague), A New Approach to Depreciation Measurement for Public Utilities..... 29: 4,239

ESCHENBACH, TED, Technical Note on *Multiple Roots and the Subscription/ Membership Problem*..... 29: 3,216

FARRAGHER, EDWARD J. (with Suk H. Kim and Trevor Crick), Foreign Capital Budgeting Practices Used by the U.S. and Non-U.S. Multinational Companies..... 29: 3.207

GARG, ARUN (with Umesh Saxena), Technical Note on *On Comparing Alternatives with Different Lives*..... 29: 1,59

GIACCOTTO, CARMELO, A Simplified Approach to Risk Analysis in Capital Budgeting with Serially Correlated Cash Flows..... 29: 4,273

HARPAZ, GIORA (with Stavros B. Thomadakis), Project Valuation with Imperfect Information..... 29: 2,101

HAYES, JAMES W., Discount Rates in Linear Programming Formulations of the Capital Budgeting Problem..... 29: 2,113

JOSE, MANUEL L. (with William T. Moore), Technical Note on *An Alternative Approach to Computing the After-Tax Cost of Debt: A Note*..... 29: 2,150

KIM, SUK H. (with Trevor Crick and Edward J. Farragher), Foreign Capital Budgeting Practices Used by the U.S. and Non-U.S. Multinational Companies..... 29: 3,207

LANSER, HOWARD P., Valuation, Gains from Leverage, and the Weighted Average Cost of Capital as a Cutoff Rate..... 29: 1,1

LEE, KYUNG S. (with William G. Sullivan and Thomas L. Ward), Analysis of Revenue Requirements During Extreme Price Escalation..... 29: 3,161

LOHMANN, JACK R. (with R. V. Oakford), Technical Note on *Errors in Present Worth Evaluations Attributable to the End-of-Year Cash Flow Conventions*..... 29: 4,303

MAHONEY, J. R., Technical Note on *Development and Extension of Karpin's Formula*..... 29: 2,140

MILLER, DAVID M., Cumulative Deflation in Productivity Measurement..... 29: 3,181

MOORE, WILLIAM T. (with Manuel L. Jose), Technical Note on *An Alternative Approach to Computing the After-Tax Cost of Debt: A Note*..... 29: 2,150

MOORE, WILLIAM T. (with Son-Nan Chen), The Decision to Lease or Purchase Under Uncertainty: A Bayesian Approach..... 29: 3,195

MOORE, WILLIAM T. (with Son-Nan Chen), The Value of Perfect Information in Capital Budgetin Decisions with Unknown Cash Flow Parameters..... 29: 1,41

OAKFORD, R. V. (with Jack R. Lohmann), Technical Note on *Errors in Present Worth Evaluations Attributable to the End-of-Year and Mid-Year Cash Flow Conventions*..... 29: 4,303

PANTON, DON B. (with William A. Verdini), Technical Note on *On Implementing the Sturm-Kaplan Procedure for Counting Internal Rates of Return*..... 29: 4,300

PARK, CHAN S., Probabilistic Benefit-Cost Analysis..... 29: 2,83

RIORDAN, BARRETT J., Technical Note on *Critique of the EPA Financial Test of Affordability of Pollution Control Equipment for Nonferrous Smelters: A Comment*..... 29: 1,52

SARAF, S. K. (with A. L. Soyster), Capacity Expansion Planning to Maximize the Value of the Regulated Firm..... 29: 4,251

SAXENA, UMESH, Investment Analysis Under Uncertainty..... 29: 1,33

SAXENA, UMESH (with Arun Garg), Technical Note on *On Comparing Alternatives with Different Lives*..... 29: 1,59

SCHIFFMAN, DEAN A., Timely Capital Recovery Through the Regulatory Process..... 29: 4,287

SMITH, GERALD W., READERS' FORUM: *Engineering Economy Courses: Their Current Status*..... 29: 3,228

SOYSTER, A. L. (with S. K. Saraf), Capacity Expansion Planning to Maximize the Value of the Regulated Firm..... 29: 4,251

SPRAGUE, J. C. (with Allen J. Crowley), A New Approach to Depreciation Measurement for Public Utilities..... 29: 4,239

SULLIVAN, WILLIAM G. (with Thomas L. Ward and Kyung S. Lee), Analysis of Revenue Requirements During Extreme Price Escalation..... 29: 3,161

SWALM, RALPH, READERS' FORUM: *Reply to: Engineering Economics -- Used or Unused*..... 29: 1,71

THOMADAKIS, STAVROS B. (with Giora Harpaz), Project Valuation with Imperfect Information..... 29: 2,101

THUESEN, GERALD J., READERS' FORUM: Teaching and Research in Engineering Economy..... 29: 3,224

VERDINI, WILLIAM A. (with Don B. Panton), Technical Note on *On Implementing the Sturm-Kaplan Procedure for Counting Internal Rates of Return*..... 29: 4,300

WARD, THOMAS L. (with William G. Sullivan and Kyung S. Lee), Analysis of Revenue Requirements During Extreme Price Escalation..... 29: 3,161

INDEX OF BOOK REVIEWERS

BAUM, SANFORD, Review of E. L. Grant, W. G. Ireson and R. S. Leavenworth's *Principles of Engineering Economics*..... 29: 1,75

BERNHARD, RICHARD H., Review of Robert S. Kaplan's *Advanced Management Accounting*..... 29: 4,312

BERNHARD, RICHARD H., Review of Robert D. Behn and James W. Vaupel's *Quick Analysis for Busy Decision Makers*..... 29: 3,233

CANADA, JOHN R., Review of Shizuo Senju, Tamio Fushimi, and Seiichi Fujita's *Profitability Analysis for Managerial and Engineering Decisions*..... 29: 4,310

EASTMAN, R. M., Review of L. T. Blank and A. J. Tarquin's *Engineering Economy*..... 29: 2,159

HOBBS, BENJAMIN F., Review of A. Goicoechea, D. R. Hansen and L. Duckstein's *Multiobjective Decision Analysis with Engineering and Business Applications*..... 29: 1.76

HOSKINS, COLIN G., Review of Anthony F. Herbst's *Capital Budgeting: Theory, Quantitative Methods, and Applications*..... 29: 1,78

KAPLAN, SEYMOUR A., Review of Tung Au and Thomas P. Au's *Engineering Economics for Capital Investment Analysis*..... 29: 3,234

LOUCKS, DANIEL P., Review of Milan Zeleny's *Multiple Criteria Decision Making*..... 29: 2,157

MACCORMAC, EARL R., Review of Thomas L. Saaty's *Decision Making for Leaders: The Analytical Hierarchy Process for Decision in a Complex World*..... 29: 1,74

MARSLAND, DAVID B., Review of Ed. Robert A. Meyers' *Handbook of Energy Technology and Economics*..... 29: 4,310

MAURER, RUTH A., Review of Peter D. Blair, Thomas V. Cassel and Robert H. Edelstein's *Geothermal Energy: Investment Decisions and Commercial Development*..... 29: 2,158

OSTROFSKY, BENJAMIN, Review of Joseph D. Patton, Jr.'s *Preventive Maintenance*..... 29: 3,237

OSTWALD, PHILLIP F., Review of Frederic C. Jelen and James H. Black's *Cost and Optimization Engineering*..... 29: 3,235

PAUL, HIMU, Review of Seymour Kaplan's *Engineering Economics: Quantitative Methods for Energy and Environmental Decisions*..... 29: 3,236

SMITH, MILTON L., Review of Courtland A. Collier and William B. Ledbetter's *Engineering Cost Analysis*..... 29: 3,233

WEAVER, JAMES B., Review of D. J. Leech's *Economics and Financial Studies for Engineers*..... 29: 2,156

YU, OLIVER S., Review of Frederick H. Murphy and Allen L. Soyster's *Economic Behavior of Electric Utilities*..... 29: 4,315